

which contains at most approximately 40% by weight of a solid lubricant being used.

7. Process according to Claim 6, characterized in that the solid lubricant used is titanium dioxide (TiO_2), calcium fluoride (CaF_2), hexagonal boron nitride (h-BN), graphite, lead (Pb) or molybdenum sulphide (MoS_2) or any desired mixture of these solid lubricants.

8. Process according to Claim 6, characterized in that a spraying compound is used which furthermore contains tin and/or zinc and/or silicon and/or nickel and/or manganese and/or copper and/or aluminium and/or one or more of their oxides and/or one or more of their carbides and/or one or more of their nitrides and/or carbon.

9. Process according to Claim 6, characterized in that the coating is applied in a wire arc spraying process and/or a flame spraying process.

10. Process according to Claim 9, characterized in that the spraying compound used is a filled wire which has a filling which contains a solid lubricant and, if appropriate, tin and/or zinc and/or silicon and/or nickel and/or manganese and/or copper and/or aluminium and/or one or more of their oxides and/or one or more of their carbides and/or one or more of their nitrides and/or carbon.

11. Process according to Claim 10, characterized in that a filled wire with a covering of copper and/or tin and/or zinc and/or aluminium and/or their alloys is used.

12. Process according to one of the preceding claims, characterized in that, in addition to a filled wire, a solid wire, preferably made from CuAl8, is used as the spraying compound.

13. Process according to one of Claims 6 to 12, characterized in that the sliding region (3), prior to the application of the coating (4), is roughened, preferably sand-blasted and degreased.

14. Process according to one of Claims 6 to 13, characterized in that the coating (4) is stamped after it has been applied.

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